$3)\ y - \dfrac{}{2x+1}$ $\cancel{y}' = \dfrac{}{(2x+1)^2}$ $-(2x+1)$

$\dfrac{(2x+2)}{\cancel{\sin^2(2x+2)}}$

3 도함수 구하라

(1) $y = \sin^3(x^2+2x+6)$ $\quad y' = 3\{\sin^2(x^2+2x+6)\}\{\cos(x^2+2x+6)\}$

(2) $y = \cos(\tan x)$ $\quad \cancel{y} = \{-\sin(\tan x)\}\{\cancel{\sec(x^2)}\} = -\{\sin(\tan x)\}\sec^2 x$

(3) $y = e^{x+1}\sin(x+1)$ $\quad y = e^{x+1}\sin(x+1) + e^{x+1}\cos(x+1)$

(4) $y = \sin(\cos x)$ $\quad \cancel{y}' = \{\cos(\cos x)\} \times \sin x \implies \{\cos(\cos x)\}\sin x.$